PROJ. REFERENCE NO.	SHEET NO.
R-2707E	TMP-2A

TEMPORARY SHORING LOCATION NO. 01

SEE SHEETS TMP-18-19

ESTIMATED QUANTITY = 4323.0 SF

-L- STA. 897+00, 28.0′ LT TO -L- STA. 908+00, 28.0′ LT
LENGTH=1100.0′ AVERAGE HEIGHT = 3.93′ MAX HEIGHT = 5.52′

1. FOR TEMPORARY SHORING AND POSITIVE PROTECTION FOR TEMPORARY SHORING, SEE PLANS AND TEMPORARY SHORING PROVISION.

2. BEFORE BEGINNING TEMPORARY SHORING DESIGN OR CONSTRUCTION, SURVEY EXISTING GROUND ELEVATIONS IN THE VICINITY OR SHORING LOCATIONS TO DETERMINE ACTUAL SHORING HEIGHTS.

3. DESIGN TEMPORARY SHORING FROM -L- STATION 897+00, 28′ LT TO STATION 908+00, 28′ LT FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

   UNIT WEIGHT, (γ) = 120 LB/CF
   FRICTION ANGLE, (ϕ) = 30 DEGREES
   COHESION, c = 0 LB/SF
   GROUNDWATER ELEVATION = N/A

4. AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM -L- STATION 897+00, 28′ LT TO STATION 908+00, 28′ LT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

TEMPORARY SHORING LOCATION NO. 02

SEE SHEETS TMP-24D

ESTIMATED QUANTITY = 336.0 SF

-L- STA. 892+23, 9.0′ LT TO -L- STA. 892+65, 9.0′ LT
LENGTH=42.0′ AVERAGE HEIGHT = 8.00′ MAX HEIGHT = 8.00′

1. FOR TEMPORARY SHORING AND POSITIVE PROTECTION FOR TEMPORARY SHORING, SEE PLANS AND TEMPORARY SHORING PROVISION.

2. BEFORE BEGINNING TEMPORARY SHORING DESIGN OR CONSTRUCTION, SURVEY EXISTING GROUND ELEVATIONS IN THE VICINITY OR SHORING LOCATIONS TO DETERMINE ACTUAL SHORING HEIGHTS.

3. DESIGN TEMPORARY SHORING FROM -L- STATION 892+23, 9′ LT TO STATION 892+65, 9′ LT FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

   UNIT WEIGHT, (γ) = 120 LB/CF
   FRICTION ANGLE, (ϕ) = 30 DEGREES
   COHESION, c = 0 LB/SF
   GROUNDWATER ELEVATION = N/A

4. AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM -L- STATION 892+23, 9′ LT TO STATION 892+65, 9′ LT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

TEMPORARY SHORING LOCATION NO. 03

SEE SHEETS TMP-24D

ESTIMATED QUANTITY = 336.0 SF

-L- STA. 892+23, 9.0′ RT TO -L- STA. 892+65, 9.0′ RT
LENGTH=42.0′ AVERAGE HEIGHT = 8.00′ MAX HEIGHT = 8.00′

1. FOR TEMPORARY SHORING AND POSITIVE PROTECTION FOR TEMPORARY SHORING, SEE PLANS AND TEMPORARY SHORING PROVISION.

2. BEFORE BEGINNING TEMPORARY SHORING DESIGN OR CONSTRUCTION, SURVEY EXISTING GROUND ELEVATIONS IN THE VICINITY OR SHORING LOCATIONS TO DETERMINE ACTUAL SHORING HEIGHTS.

3. DESIGN TEMPORARY SHORING FROM -L- STATION 892+23, 9′ RT TO STATION 892+65, 9′ RT FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

   UNIT WEIGHT, (γ) = 120 LB/CF
   FRICTION ANGLE, (ϕ) = 30 DEGREES
   COHESION, c = 0 LB/SF
   GROUNDWATER ELEVATION = N/A

4. AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM -L- STATION 892+23, 9′ RT TO STATION 892+65, 9′ RT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

THE TEMPORARY SHORING NOTES SHOWN ON THIS SHEET WERE PROVIDED THROUGH A SEALED DOCUMENT FROM THE GEOTECHNICAL ENGINEER. THE DOCUMENT WAS SUBMITTED TO STANTEC CONSULTING ON MARCH 7, 2023 AND SEALED BY A PROFESSIONAL ENGINEER, (JEREMY R. HAMM), LICENSE #039779.

STATE OF NORTH CAROLINA • DEPARTMENT OF TRANSPORTATION •

TEMPORARY SHORING NOTES

7/3/2023
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